

Kuei-Hsiang Huang

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RESEARCH INTERESTS

High-Performance Computing, Computational Linear Algebra, Scientific Machine Learning

EDUCATION

Ph.D. in Computer Engineering

University of California, Irvine

Advisor: Aparna Chandramowlishwaran

Sep. 2024 – Present

Bachelor of Science in Mathematics

National Tsing Hua University, Hsinchu, Taiwan

Sep. 2019 – Jun. 2023

RESEARCH EXPERIENCE

Research Assistant

Scientific Computing On Parallel Environment Lab, National Tsing Hua University

-Advisor: Prof. Che-Rung, Lee

Sep. 2022 – Feb. 2024

Research Assistant

Research Center for Information Technology Innovation, Academia Sinica, Taipei, Taiwan

-Supervised by Dr. Tung Chou

Oct. 2021 – Dec. 2022

PUBLICATIONS

Kuei-Hsiang Huang, Cheng-Yu Sie, Jhong-En Lin, and Che-Rung Lee (2024). “LPSD: Low-rank Plus Sparse Decomposition for Highly Compressed CNN Models”. In: *Pacific-Asia Conference On Knowledge Discovery And Data Mining*.

WORK EXPERIENCE

AI Engineer Intern

GliaCloud Co., Ltd.

Feb. 2023 – Feb. 2024

TEACHING EXPERIENCE

Teaching Assistant of Introduction to Programming I

Department of mathematics, National Tsing Hua University, Hsinchu, Taiwan

Sep. 2022 – Jan. 2023

HONORS & AWARDS

EECS department fellowship

Department of Electrical Engineering and Computer Science, University of California, Irvine

Sep. 2024